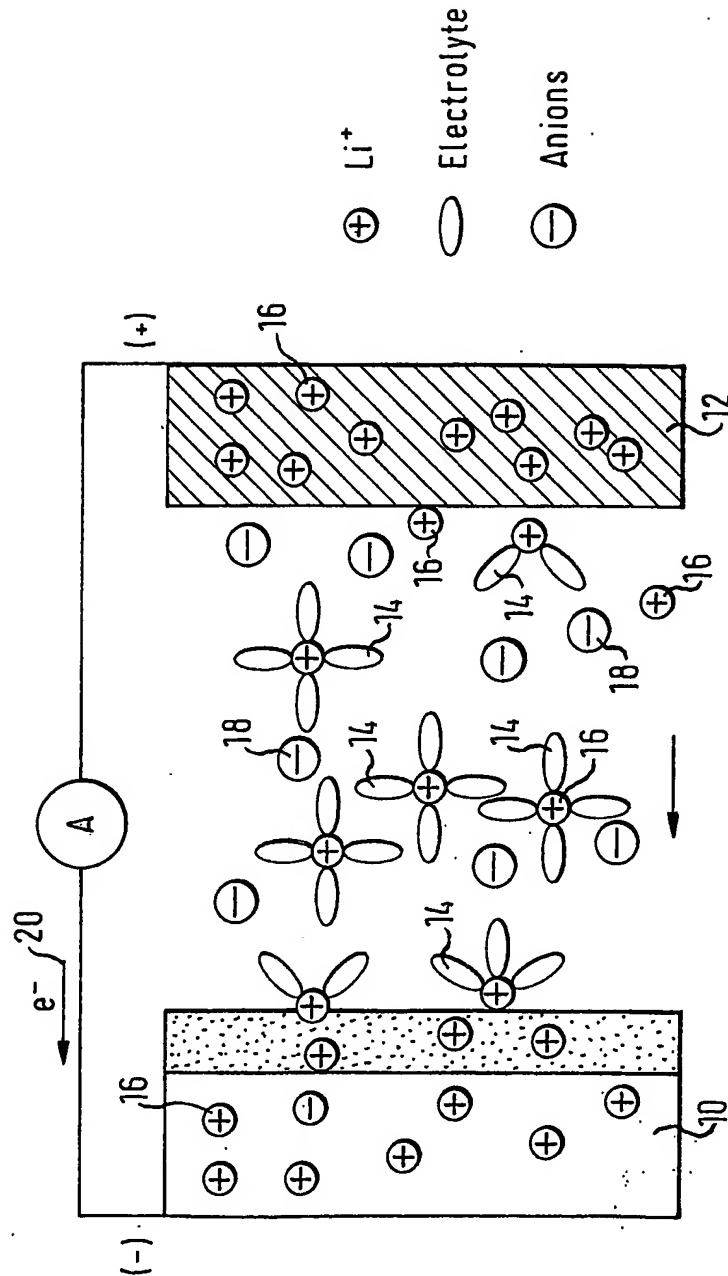
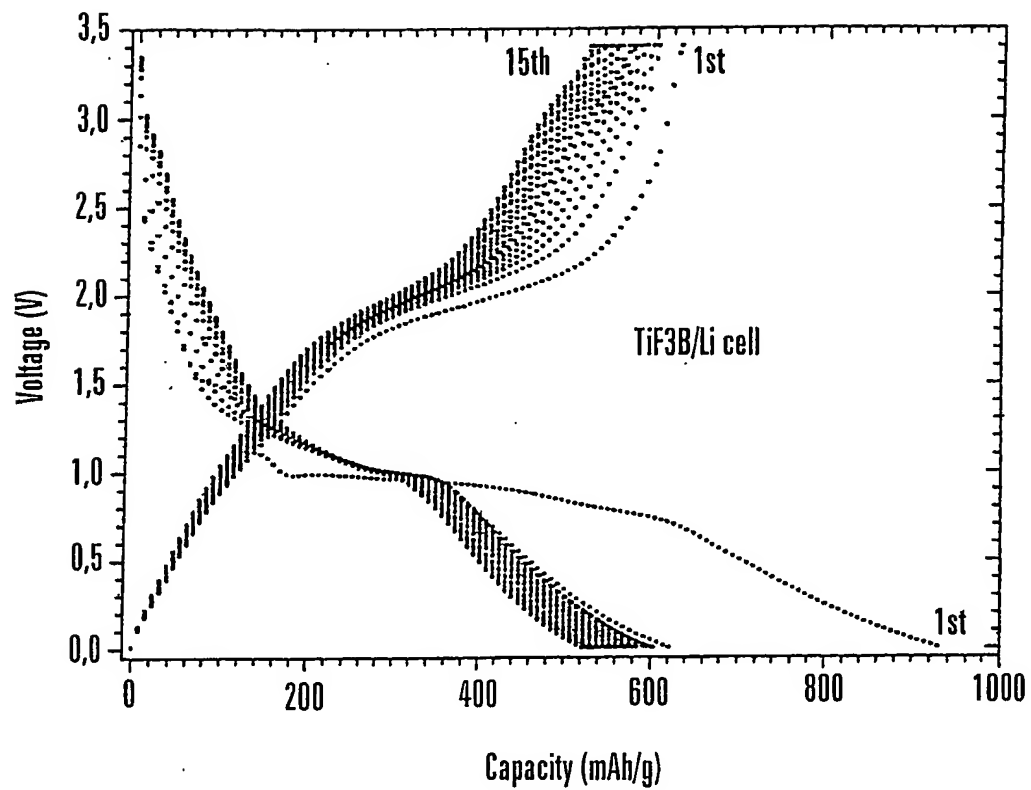


FIG. 1



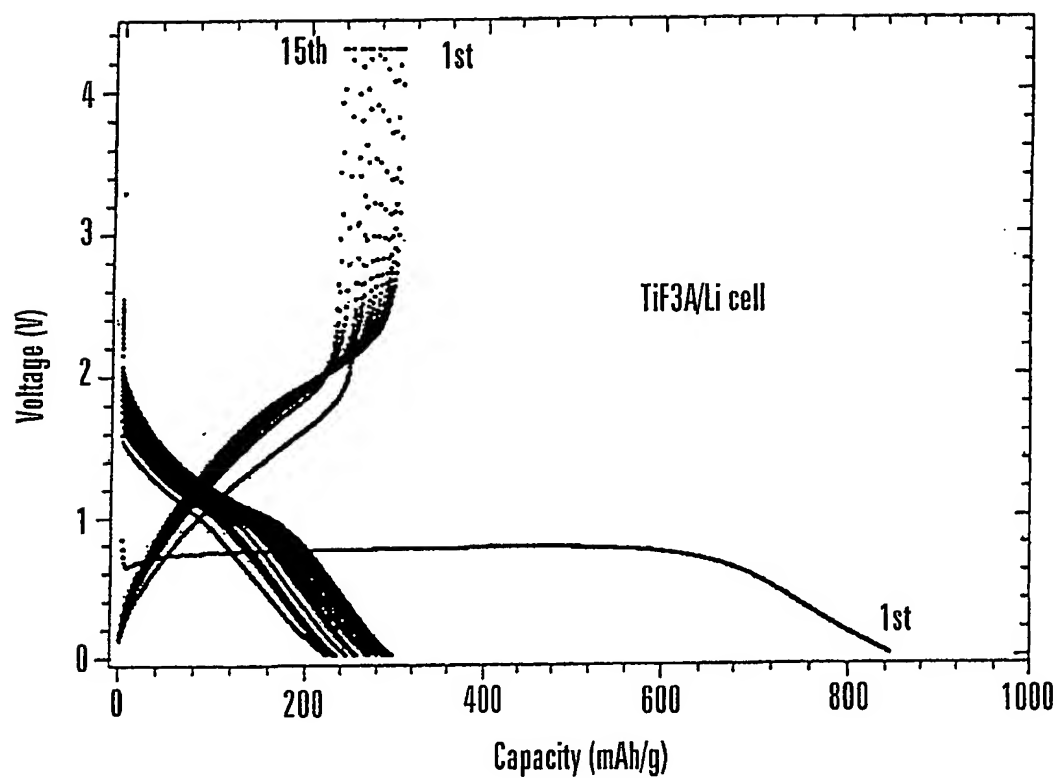
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FIG. 2A



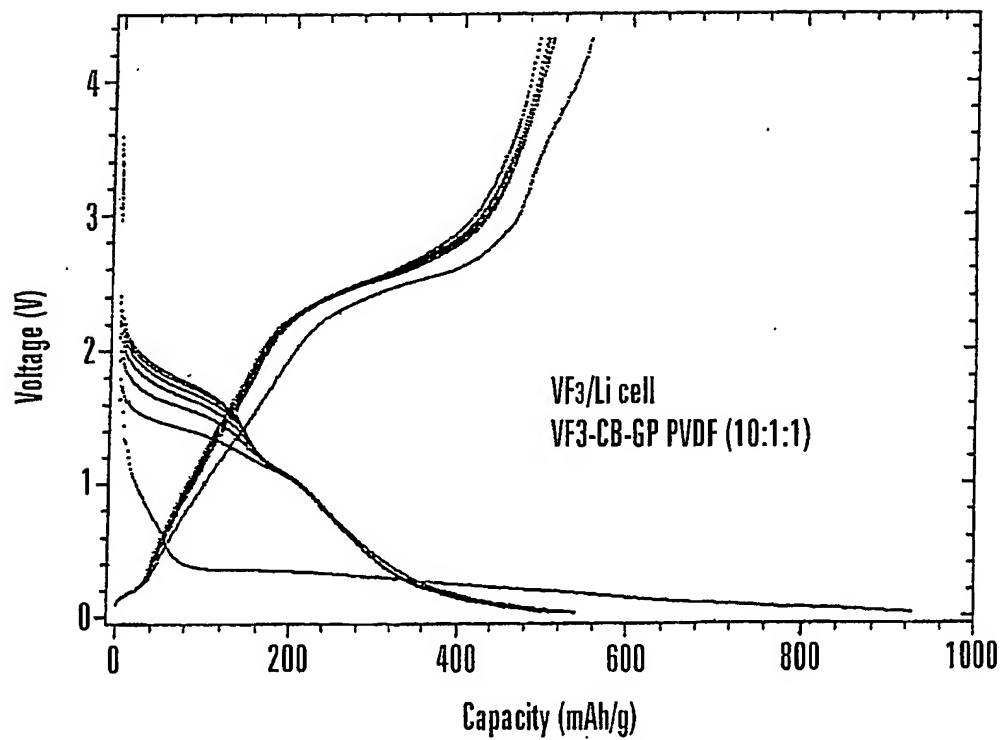
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FIG. 2B



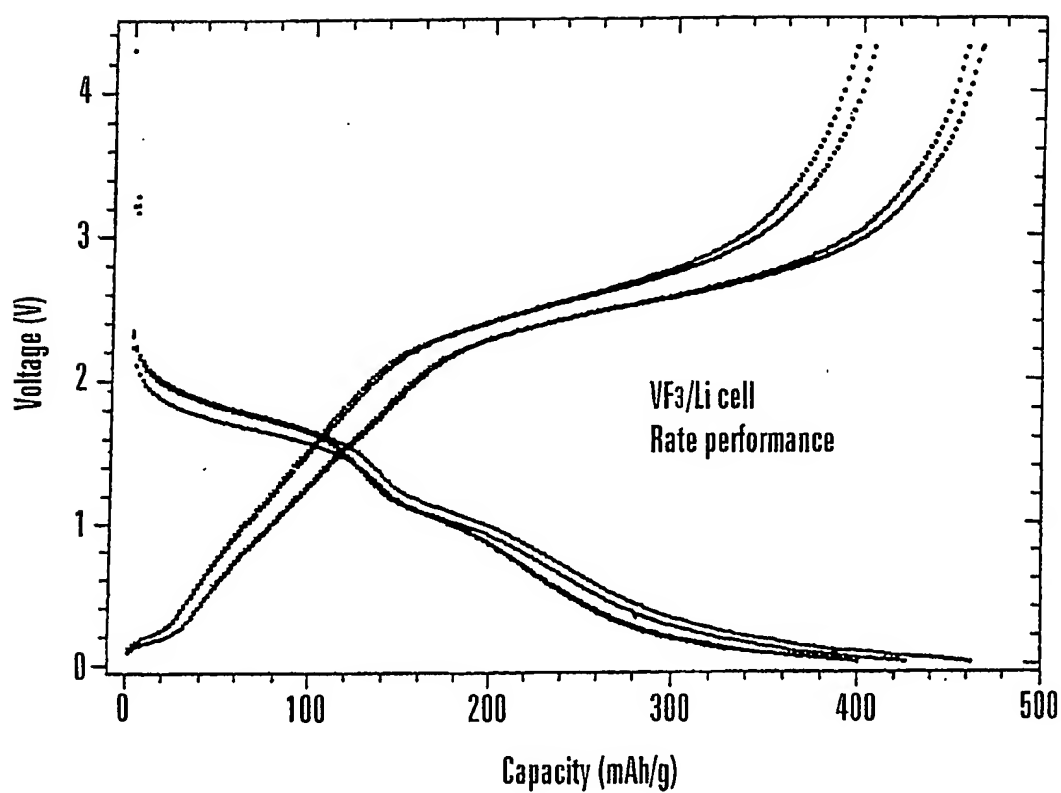
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FIG. 2C



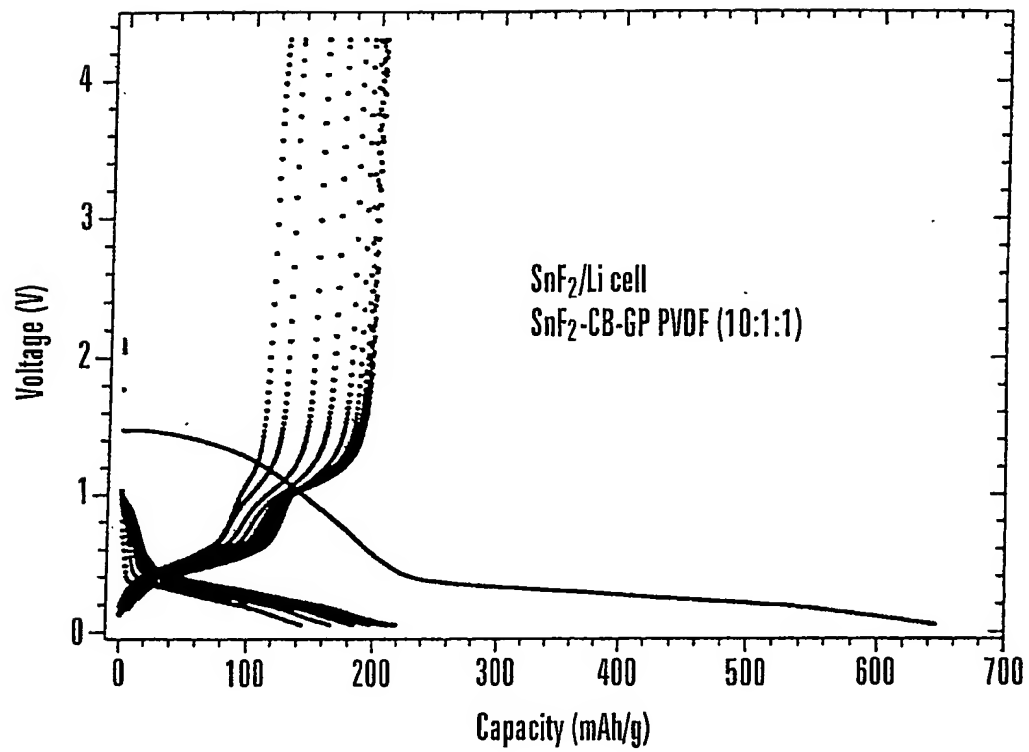
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FIG. 2D



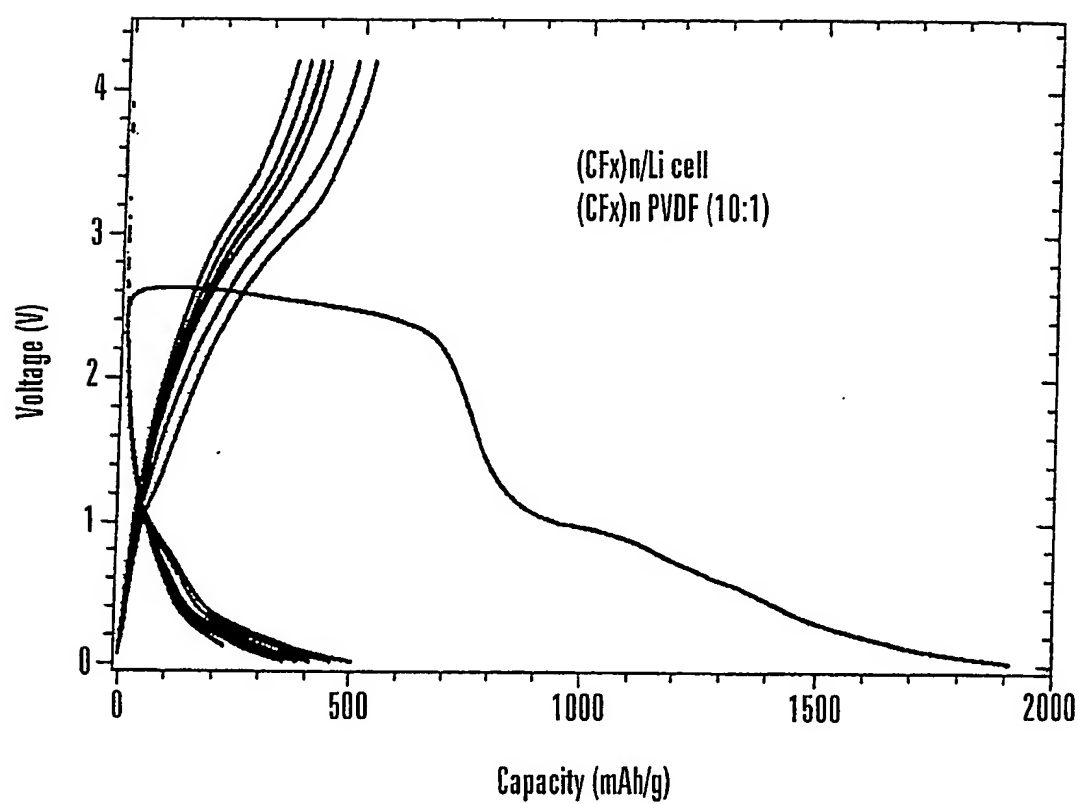
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FIG. 2E



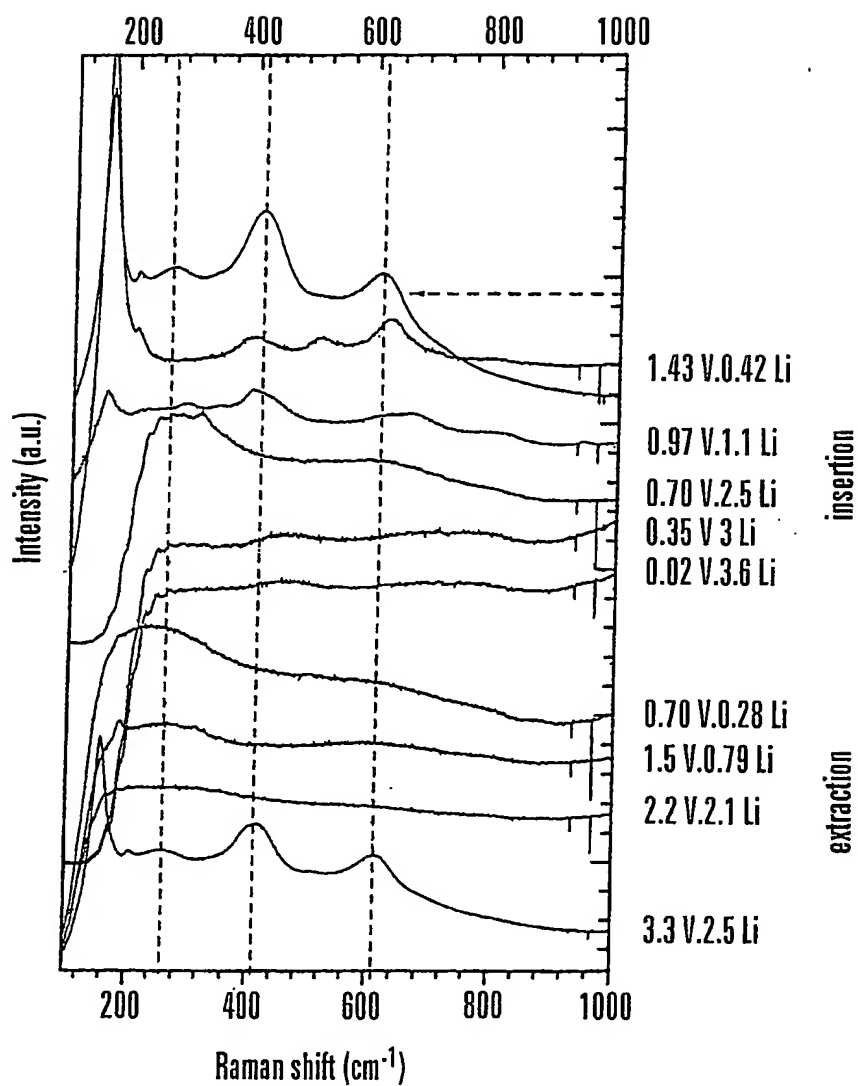
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FIG. 2F



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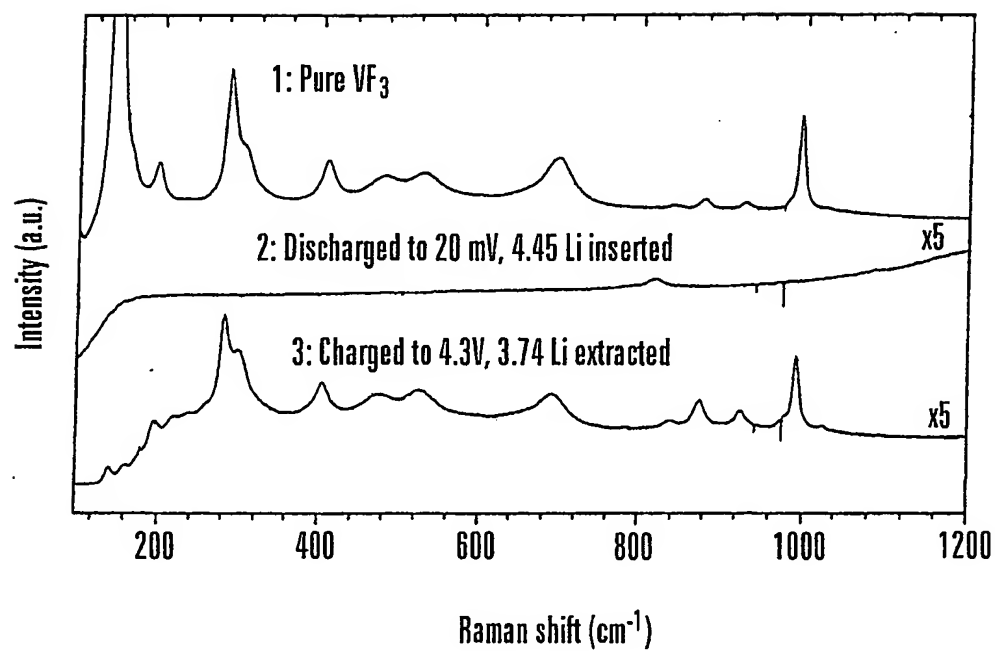
FIG. 3





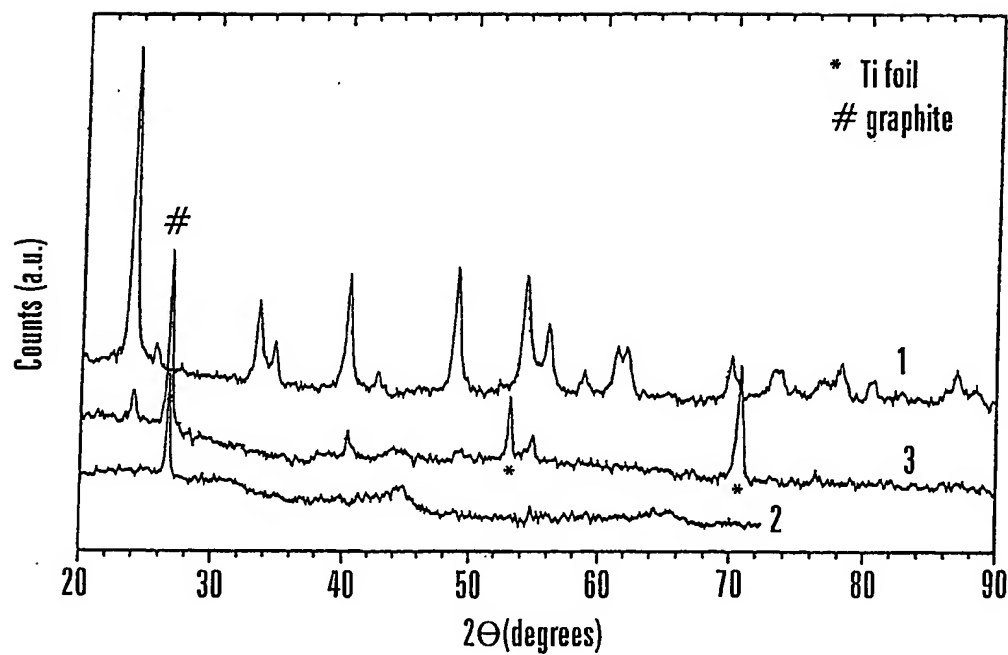
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FIG. 4A



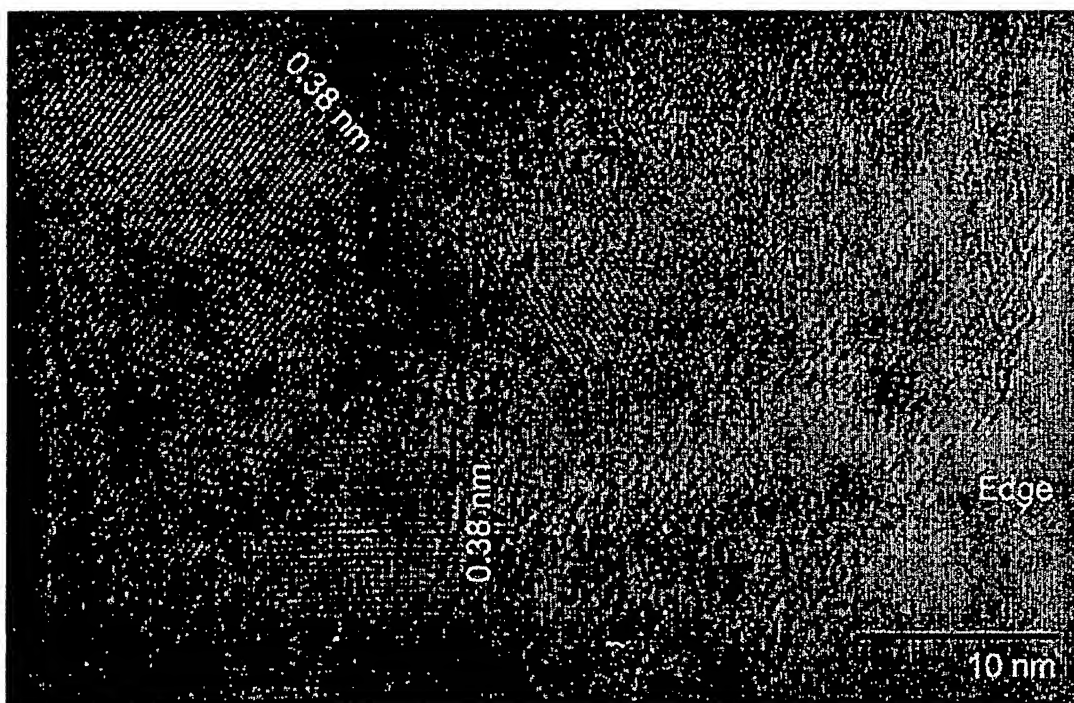
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FIG. 4B



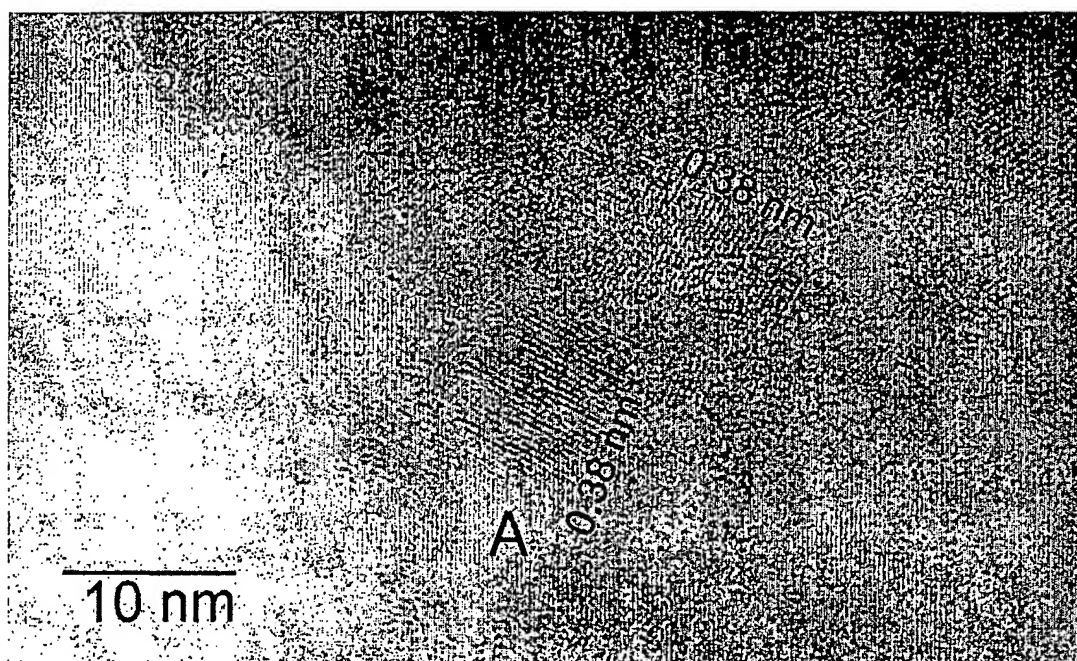
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FIG 5A



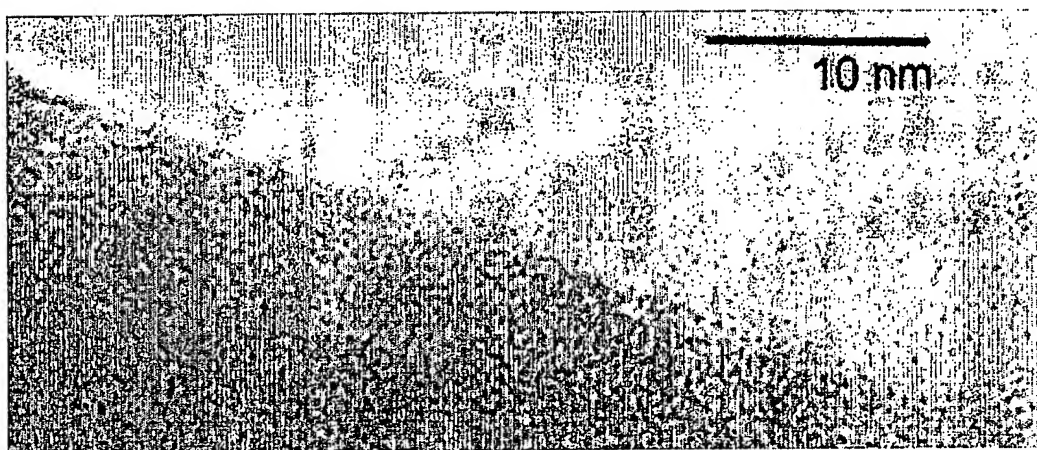
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FIG 5B



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FIG 5C



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FIG 5D

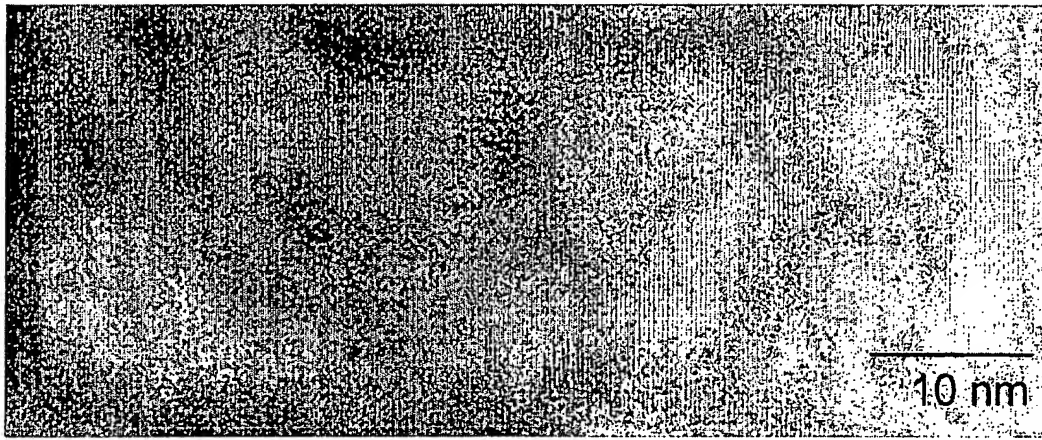
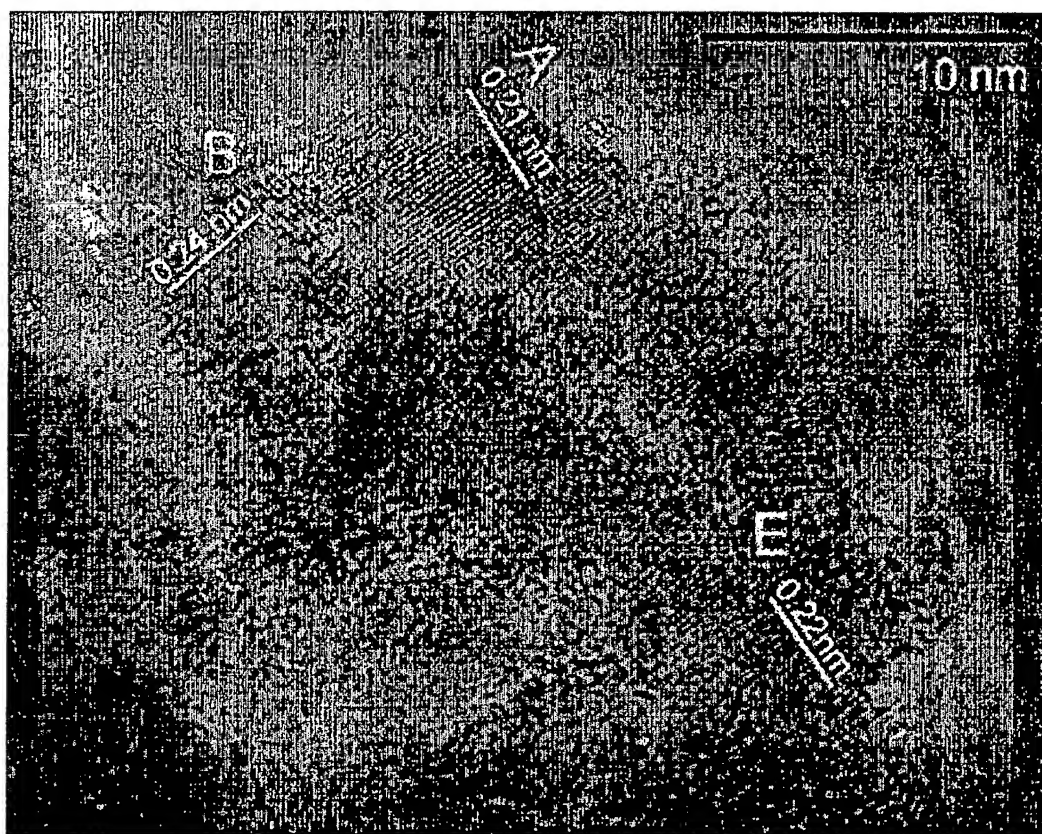
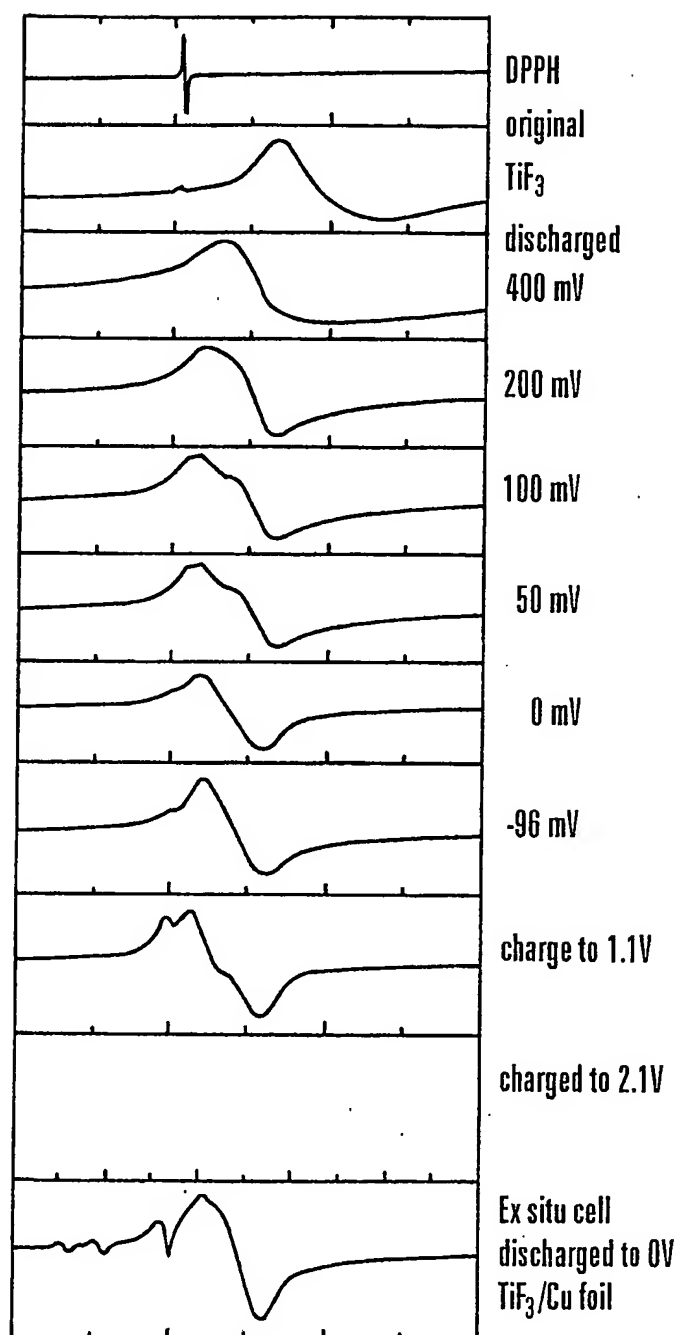


FIG 5E



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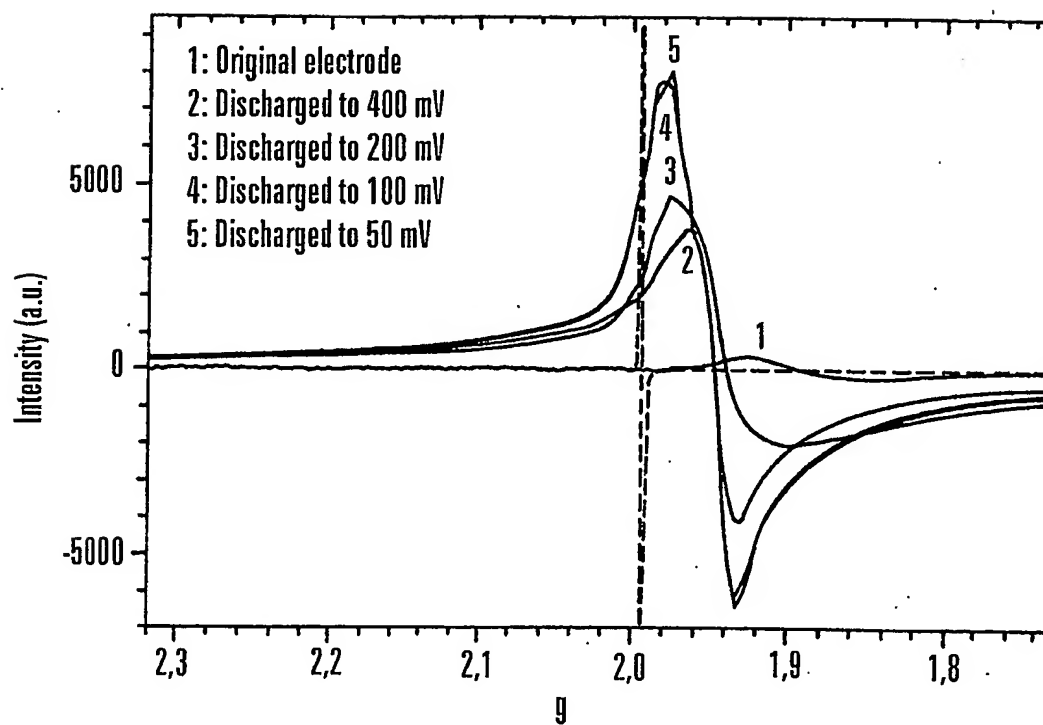
FIG. 6





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FIG. 7



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FIG. 8

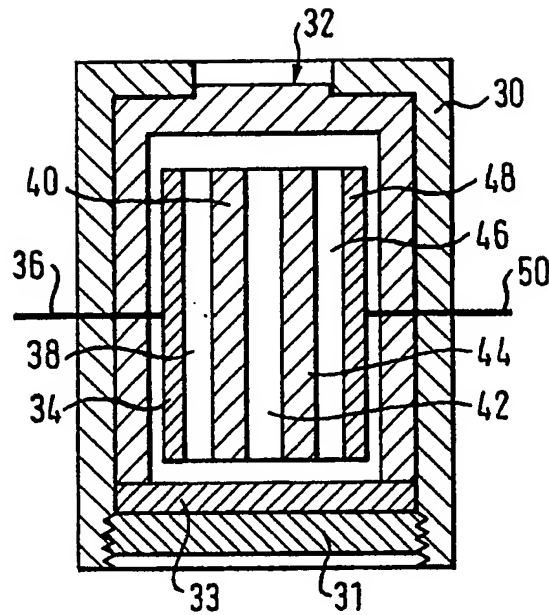
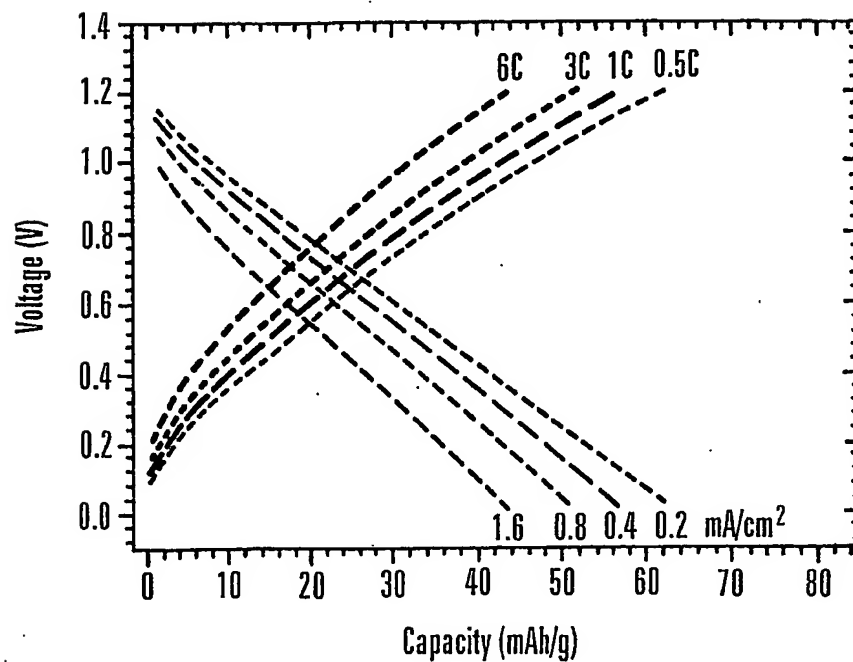


FIG. 9





The figure shows a cyclic voltammogram with Voltage (V) on the y-axis (0 to 4) and Capacity (mAh/g) on the x-axis (0 to 1200). The plot contains four curves labeled a, b, c, and d. Curve 'a' is the 1st charge, starting at 0 V and 0 mAh/g, rising to a plateau at ~2.1 V between 0 and 200 mAh/g, then rising to ~3.8 V at 1000 mAh/g, and finally rising sharply to ~4.2 V at 1100 mAh/g. Curve 'b' is the 1st discharge, starting at 4.2 V and 1100 mAh/g, dropping to a plateau at ~0.9 V between 250 and 800 mAh/g, then dropping to 0 V at 1100 mAh/g. Curve 'c' is the 2nd charge, starting at 0 V and 0 mAh/g, rising to ~1.8 V at 200 mAh/g, then rising to ~3.8 V at 1000 mAh/g, and finally rising sharply to ~4.2 V at 1100 mAh/g. Curve 'd' is the 2nd discharge, starting at 4.2 V and 1100 mAh/g, dropping to ~2.1 V at 200 mAh/g, then dropping to 0 V at 1100 mAh/g. The labels '1st charge', '1st discharge', '2nd charge', and '2nd discharge' are placed near their respective curves.